

A circular stamp from the Office of Intellectual Property (OIP). The text "OIP" is at the top, "JUL 09 1999" is in the center, and "PATENT &amp; TRADEMARK OFFICE" is around the bottom edge.

SECTOR #  
PATENT ~~2~~ 3

3

DATE OF DEPOSIT: July 6, 1999

TYPED NAME: DOREEN YATKO TRUJILLO  
REGISTRATION NO. 35,719

Assistant Commissioner for Patents  
Washington DC 20231

☒ The original Combined Declaration and Power of Attorney, executed by the inventor(s). An unexecuted Combined Declaration and Power of Attorney, attached to the above-identified specification, was filed by Express Mail No. EL140 212 187US on April 14, 1999.

☐ An Associate Power of Attorney is also enclosed.

☒ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a Verified Statement previously submitted on April 14, 1999.

- ☐ The original executed Verified Statement Claiming Small Entity Status Under 37 CFR 1.9 and 1.27 is filed herewith.
- ☐ A Verified Statement Claiming Small Entity Status Under 37 CFR 1.9 and 1.27 has been forwarded to the Refund Section, Accounting Division, Office of Finance on @@ . A copy of this Verified Statement Claiming Small Entity Status form and the Request for Refund form is enclosed for your convenience.
- ☒ A check in the amount of \$65.00 is attached to cover the surcharge. Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.
- ☐ Please charge the surcharge to my Deposit Account No. 23-3050 in the amount of \$@@.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-3050. This sheet is attached in duplicate.
- ☒ Any patent application processing fees under 37 CFR 1.17 and under 37 CFR 1.20(d).
- ☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
- ☒ Any filing fees under 37 CFR 1.16 including fees for presentation of extra claims.

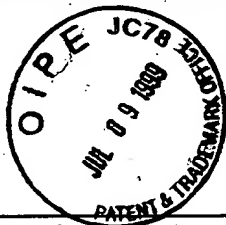
Date:

July 6, 1999

**Doreen Yatko Trujillo**

Registration No. 35,719

Woodcock Washburn Kurtz  
Mackiewicz & Norris LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FAP/DYT

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/291,347	04/14/99	HANAK	J CACO-0051

0242/0506

DOREEN YATKO TRUJILLO  
WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS  
ONE LIBERTY PLACE 46TH FLOOR  
PHILADELPHIA PA 19103

NOT ASSIGNED

1643

DATE MAILED:

05/06/99

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☐ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☐ non-small entity is \$ 130.00.

- ☐ 1. The statutory basic filing fee is:

- ☐ missing.  
☐ insufficient.

Applicant must submit \$ \_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

- ☐ 2. The following additional claims fees are due:

\$ \_\_\_\_\_ for \_\_\_\_\_ total claims over 20.

\$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.

\$ \_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

- ☒ 3. The oath or declaration:

- ☒ is missing or unsigned.  
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

- ☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

- ☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

- ☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

- ☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

- ☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

- ☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

Custom Service Center  
Initial Patent Examination Division (703) 308-1202

07/13/1999 SARAYA

01 FC:205



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARK  
Washington, D.C. 20231

APPROVED

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/291,347	04/14/99	HANAK	EAC0-0051

0242/0506

DOREEN YATKO TRUJILLO  
WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS  
ONE LIBERTY PLACE 46TH FLOOR  
PHILADELPHIA PA 19103

NOT ASSIGNED

1643

DATE MAILED: 05/06/99

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application fails to comply with the requirements of 37 CFR 1.821 - 1.825.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832 as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7. OTHER: \_\_\_\_\_

**APPLICANT MUST PROVIDE:**

- ☐ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing."
- ☐ An initial or substitute paper copy of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- ☐ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

**FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE CONTACT:**

- ☐ For Rules Interpretation, call (703) 308-1123.
- ☒ For CRF submission help, call (703) 308-4212.
- ☐ For Patent software help, call (703) 308-6856.

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

DOCKET NO.: CACO-0051



PATENT

GAU 1643  
W/D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Hanak et al.

Serial No.: 09/291,347

Group Art Unit: 1643

Filing Date: April 14, 1999

Examiner: Not yet assigned

For: PURIFICATION OF CELLULAR COMPONENTS THAT ARE  
SUBSTANTIALLY RNA FREE

DATE OF DEPOSIT: July 6, 1999

RECEIVED

JUL 16 1999

TECH CENTER 1600/2900

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
DEPOSITED WITH THE UNITED STATES POSTAL  
SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID  
ON THE DATE INDICATED ABOVE AND IS ADDRESSED  
TO BOX SEQUENCE, ASSISTANT COMMISSIONER FOR  
PATENTS, WASHINGTON, DC 20231.

Doreen Yanko Trujillo  
TYPED NAME: Doreen Yanko Trujillo  
REGISTRATION NO.: 35, 179

BOX SEQUENCE

Assistant Commissioner for Patents  
Washington DC 20231

RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS  
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE  
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURE

In response to the "Notice to Comply With Requirements for Patent Applications  
Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures" dated May 6, 1999  
a response to which is due July 6, 1999, enclosed herewith is:

- ☒ Statement to Support Filing and Submission in Accordance with 37 CFR §§1.821 through 1.825;
- ☒ Sequence Listing (pages 1-3);
- ☒ Computer readable form of Sequence Listing;
- ☒ Copy of Notice to Comply With Requirements for Patent Applications


Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;

- ☐ Petition for Extension of Time;
- ☒ Other: Preliminary Amendment

The Commissioner is hereby authorized to charge any underpayment associated with this communication or credit any overpayment to Deposit Account No. 23-3050. This sheet is attached in duplicate.

Date:

July 6, 1999

  
Doreen Yatko Trujillo  
Registration No. 35, 179

Woodcock Washburn Kurtz  
Mackiewicz & Norris LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439